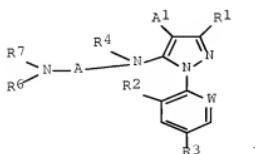


(Compounds are not displayed due to large volume which SCORE can not accept.)

=&gt; d ibib abs l5 1-5

L5 ANSWER 1 OF 5 HCPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 20071705897 HCPLUS Full-text  
 DOCUMENT NUMBER: 147:118222  
 TITLE: Preparation of 5-aminoalkylpyrazole derivatives as  
       pesticidal agents  
 INVENTOR(S): Schnatterer, Stefan; Chou, David  
                 Teh-Wei; Knauf, Werner; Jans, Daniela;  
                 Seeger, Karl  
 PATENT ASSIGNEE(S): Germany  
 SOURCE: U.S. Pat. Appl. Publ., 31pp., Contt.-in-part of Appl.  
           No. PCT/EP05/002277  
 CODEN: USXECO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20070149575	A1	20070628	US 2006-525741	20060922
WO 2005090312	A1	20050929	WO 2005-EP2277	20050304
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			EP 2004-7023	A 20040324
			WO 2005-EP2277	A2 20050304
OTHER SOURCE(S):	MARPAT	147:118222		
GI				

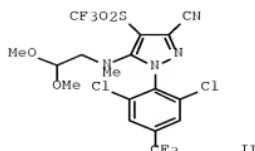
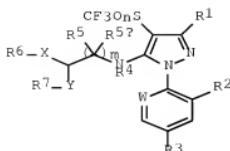


AB The title compds. I [A1 = R5S(O)n; R1 = CN, Me, CF3, etc.; W = N, C-R8; R2, R8 = halo, Me, NR9R10; R3 = haloalkyl, haloalkoxy, SF5; R4 = H, alkenyl, alkynyl, etc.; R5 = alkyl, haloalkyl, alkenyl, etc.; A = (un)substituted Cl - C6

alkylene, (un)substituted c2 - C6 alkenylene, etc.; R6, R7 = H, (un)substituted alkyl, (un)substituted alkenyl, etc.; or NR6R7 = ring (further details on this ring are given); when A is Cl - C6 alkylene, R7 together with the attached N atom and A moiety form a 4- to 7-membered saturated (un)substituted ring; R9, R10 = H, (un)substituted alkyl, (un)substituted alkenyl, etc.; n = 0 or 1 or 2] are prepared. Thus, 5-[N-methyl-N-(phthalimidomethyl)amino]-1-(2,6-dichloro-4-trifluoromethylphenyl)-3-cyano-4-trifluoromethylsulfinylpyrazole was prepared from N-bromomethylphthalimide and 1-(2,6-dichloro-4-trifluoromethylphenyl)-3-cyano-5-methylamino-4-trifluoromethylsulfinylpyrazole. Compds. of this invention at 5 ppm or less gave at least 90% control of Ctenocephalides felix.

L5 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2006115050 HCAPLUS Full-text  
 DOCUMENT NUMBER: 144:88285  
 TITLE: Preparation of n-phenylpyrazole derivatives as pesticides  
 INVENTOR(S): Scribner, Andrew; Chou, David Teh-Wei;  
 Krauf, Werner; Maier, Michael; Lochhaas,  
 Friederike; Schnatterer, Stefan;  
 Seeger, Kari  
 PATENT ASSIGNEE(S): Bayer Cropscience S.A., Fr.  
 SOURCE: PCT Int. Appl., 75 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006000312	A1	20060105	WO 2005-EP6323	20050614
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NZ, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
CA 2572010	A1	20060105	CA 2005-2572010	20050614
EP 1761500	A1	20070314	EP 2005-756166	20050614
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
BR 2005011197	A	20071204	BR 2005-11197	20050614
JP 2008504243	T	20080214	JP 2007-517137	20050614
US 20070276028	A1	20071129	US 2006-615656	20061222
MX 200700159	A	20071010	MX 2007-159	20070108
PRIORITY APPLN. INFO.:			EP 2004-15065	A 20040626
			WO 2005-EP6323	W 20050614
OTHER SOURCE(S): GI	CASREACT 144:88285; MARPAT 144:88285			



**AB** Title compds. represented by the formula I [wherein R1 = CN, halo, alkyl, etc.; R2 = halo; W = N or C-halo; R3 = CF<sub>3</sub>, CF<sub>30</sub> or SF<sub>5</sub>; R4 = H, CO<sub>2</sub>alkyl, sulfonylalkyl, etc.; R5, R5a = independently H, alkyl, (un)substituted (methyl)phenyl; R6, R7 = (halo)alkyl or (un)substituted (methyl)phenyl; X, Y = O or SO<sub>2</sub>; n, p = 0-2; m = 1-3; and pesticidally acceptable salts thereof] were prepared as pesticides. For example, II was prepared and showed at least 90% control of Ctenocephalides felis at a test concentration of 5 ppm or less. Thus, I and their pesticidal compns. are useful for the control of pests (including arthropods and helminths).

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:1042224 HCAPLUS Full-text

DOCUMENT NUMBER: 143:347162

TITLE: Preparation of 1-phenyl and 1-pyridylpyrazoles as pesticides

INVENTOR(S): Schnatterer, Stefan; Chou, David  
Teh-Wei; Knauf, Werner; Jans, Daniela;  
Seeger, Karl

PATENT ASSIGNEE(S): Bayer Cropscience S. A., Fr.

SOURCE: PCT Int. Appl., 78 pp.

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

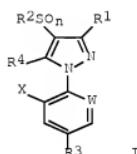
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005090314	A1	20050929	WO 2005-EP1981	20050225
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005223305	A1	20050929	AU 2005-223305	20050225
EP 1727805	A1	20061206	EP 2005-715530	20050225
EP 1727805	B1	20080702		
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				

CN 1930130	A	20070314	CN 2005-80008303	20050225
BR 2005008868	A	20070904	BR 2005-8868	20050225
JP 2007529439	T	20071025	JP 2007-503221	20050225
AT 399767	T	20080715	AT 2005-715530	20050225
IN 2006DN04932	A	20070817	IN 2006-DN4932	20060828
MX 2006PA10447	A	20061207	MX 2006-PA10447	20060913
KR 2007007800	A	20070116	KR 2006-718889	20060914
US 20080064698	A1	20080313	US 2007-592519	20070112
PRIORITY APPLN. INFO.:			EP 2004-6050	A 20040315
			WO 2005-EP1981	W 20050225

OTHER SOURCE(S): CASREACT 143:347/162; MARPAT 143:347/162

GI



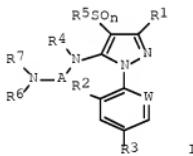
AB The title compds. I [R1 = CN, CSNH2, alkyl, etc.; W = N, CY; R2 = alkyl, halomethyl, alkenyl, etc.; R3 = haloalkyl, haloalkoxy, SF5; R4 = OH, H, halo, etc.; X = OH, alkoxy, haloalkoxy, etc.; Y = OH, haloalkoxy, alkylthio, etc.; n = 0-2], useful for the control of pests (including arthropods and helminths), were prepared. Thus, reacting 5-amino-1-(2,6-dichloro-4-trifluoromethylphenyl)-3-cyano-4-trifluoromethylthiopyrazole with methylamine in dioxane afforded 5-amino-1-(2-chloro-6-methylamino-4-trifluoromethylphenyl)-3-cyano-4-trifluoromethylthiopyrazole (II). The compds. I were tested in various biol. tests. For example, II showed at least 90% control of Ctenocephalides felis (cat flea) at 5 ppm or less.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 5 HCPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2005:1042222 HCPLUS Full-text  
 DOCUMENT NUMBER: 143:347160  
 TITLE: Preparation of 5-aminoalkylpyrazoles as pesticides  
 INVENTOR(S): Schnatterer, Stefan; Chou, David  
 Seeger, Karl  
 Teh-Wei; Knauf, Werner; Jans, Daniela;  
 Bayer Cropscience S. A., Fr.  
 SOURCE: PCT Int. Appl., 88 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005090312	A1	20050929	WO 2005-EP2277	20050304
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,  
 SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,  
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,  
 MR, NE, SN, TD, TG  
 CA 2560642 A1 20050929 CA 2005-2560642 20050304  
 EP 1730115 A1 20061213 EP 2005-707703 20050304  
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
 IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA,  
 HR, LV, MK, YU  
 US 20070149575 A1 20070628 US 2006-525741 20060922  
 MX 2006PA10917 A 20070725 MX 2006-PA10917 20060922  
 PRIORITY APPLN. INFO.: EP 2004-7023 A 20040324  
 WO 2005-EP2277 W 20050304  
 OTHER SOURCE(S): CASREACT 143:347160; MARPAT 143:347160  
 GI



AB The title compds. I [R1 = CN, Me, CF<sub>3</sub>, etc.; W = N, CR<sub>9</sub>; R2, R8 = halo, Me, NR<sub>9</sub>R<sub>10</sub>; R3 = haloalkyl, haloalkoxy, SF<sub>5</sub>; R4 = H, alkenyl, alkynyl, etc.; R5 = alkyl, haloalkyl, alkenyl, etc.; A = (un)substituted alkylene, alkenylene, etc.; R6, R7 = H, alkyl, alkenyl, etc.; R9, R10 = H, alkyl, alkenyl, etc.; n = 0-2], useful for the control of pests (including arthropods and helminths), were prepared. Thus, reacting 5-amino-1-(2,6-dichloro-4-trifluoromethylphenyl)-3-cyano-4-trifluoromethylsulfinylpyrazole with (2-chloroethyl)diethylammonium chloride in the presence of K<sub>3</sub>PO<sub>4</sub> in MeCN afforded 1-(2,6-dichloro-4-trifluoromethylphenyl)-3-cyano-5-(diethylaminoethyl)amino-4-trifluoromethylsulfinylpyrazole (II). The compds. I were tested in various biol. tests. For example, II showed at least 90% control of Ctenocephalides felis (cat flea) at 5 ppm or less.

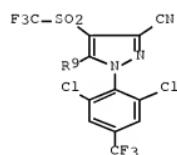
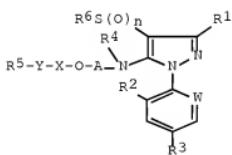
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 5 HCPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2005:238961 HCPLUS Full-text  
 DOCUMENT NUMBER: 142:316834  
 TITLE: Preparation of pesticidal  
 5-substituted-oxyalkylamino-1-arylpypyrazole derivatives  
 INVENTOR(S): Chou, David Teh-Wei; Schnatterer, Stefan; Knauf, Werner; Seeger, Kari

PATENT ASSIGNEE(S): Bayer Cropscience S. A., Fr.  
SOURCE: PCT Int. Appl., 58 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005023776	A1	20050317	WO 2004-EP9378	20040821
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AW				
RW: BW, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, WM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004270342	A1	20050317	AU 2004-270342	20040821
CA 2536642	A1	20050317	CA 2004-2536642	20040821
EP 1663986	A1	20060607	EP 2004-764360	20040821
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
BR 2004013333	A	20061010	BR 2004-13333	20040821
CN 1845902	A	20061011	CN 2004-80025546	20040821
JP 2007504185	T	20070301	JP 2006-525067	20040821
MX 2006PA02381	A	20060620	MX 2006-PA2381	20060301
US 20070066596	A1	20070322	US 2006-570042	20060929
PRIORITY APPLN. INFO.:			EP 2003-19618	A 20030904
			WO 2004-EP9378	W 20040821

OTHER SOURCE(S): CASREACT 142:316834; MARPAT 142:316834  
GI



11

**AB** Title compds. I [R1 = CN, CSNH2, C:(NZ)S(O)rQ; Q = alkyl, (un)substituted Ph, PhCH2; Z = H, alkyl, haloalkyl, alkenyl, alkynyl, (un)substituted Ph, PhCH2, acyl, alkoxy carbonyl, S(O)pR8; R8 = alkyl, haloalkyl; R2 = H, halogen, Me; R3 = haloalkyl, haloalkoxy, SF5; R4 = H, alkenyl, haloalkenyl, alkynyl, haloalkynyl, cycloalkyl, cycloalkylalkyl, (un)substituted alkyl, CO2H, SO2R8; R5 = alkenyl, haloalkenyl, alkynyl, haloalkynyl, cycloalkyl, cycloalkylalkyl, (un)substituted alkyl, Ph, PhCH2, heterocyclyl, heterocyclylmethyl; R6 = alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl; W = N, CR7; R7 = halogen; X = CO, CS, SO2; Y = O, (un)substituted NH bond; n = 0-2] were

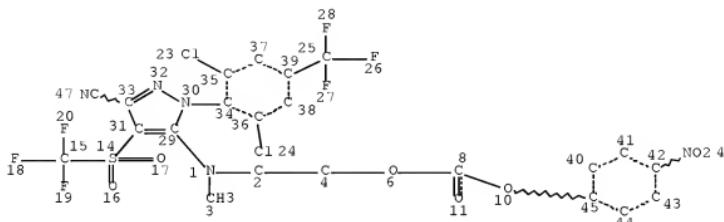
10/570,042

prepared for use as pesticides, including arthropods and helminths (no data). Thus, the pyrazole II [R9 = NH<sub>2</sub>] was converted to II [R9 = Br] which was treated with MeNHCH<sub>2</sub>CH<sub>2</sub>OH and tosylated to give II [R9 = NMeCH<sub>2</sub>CH<sub>2</sub>OTs].

REFERENCE COUNT:           5       THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

## RESULTS FROM SEARCHES IN REGISTRY, CAPLUS, USPATFULL, AND BEILSTEIN

=> d que stat 115  
L9 STR



Page 1-A

6

Page 1-B

NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 40

STEREO ATTRIBUTES: NONE  
L11 1 SEA FILE=REGISTRY SSS FUL L9  
L12 1 SEA FILE=HCAPLUS ABB=ON L11  
L13 1 SEA FILE=USPATFULL ABB=ON L11  
L15 2 DUP REMOV L12 L13 (0 DUPLICATES REMOVED)

=&gt; d ibib abs hitstr 115 1-2

L15 ANSWER 1 OF 2 USPATFULL on STN  
ACCESSION NUMBER: 2007:76243 USPATFULL Full-text  
TITLE: Pesticidal 5-substituted-oxalkylamino-1-arylpypyrazole derivatives  
INVENTOR(S): Chou, David Teh-Wei, Bad Soden, GERMANY, FEDERAL REPUBLIC OF  
Schnatterer, Stefan, Hattersheim, GERMANY, FEDERAL REPUBLIC OF  
Knauf, Werner, Bad Bergzabern, GERMANY, FEDERAL REPUBLIC OF  
Seeger, Karl, Hofheim, Ts., GERMANY, FEDERAL REPUBLIC OF  
PATENT ASSIGNEE(S): BAYER CROPSCIENCE S.A., LYON, FRANCE (non-U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION:	US 20070066596	A1	20070322
APPLICATION INFO.:	US 2004-570042	A1	20040821 (10)
	WO 2004-EP9378		20040821
			20060929 PCT 371 date

NUMBER	DATE
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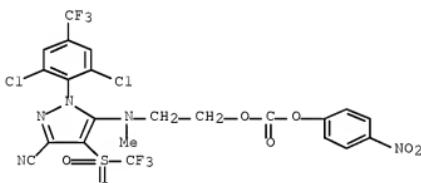
PRIORITY INFORMATION:	EP 2003-19618	20030904
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BUCHANAN, INGERSOLL & ROONEY PC, POST OFFICE BOX 1404, ALEXANDRIA, VA, 22313-1404, US	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1774	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to 5-substituted-oxyalkylaminopyrazole derivatives of formula (I) or salts thereof wherein the various symbols are as defined in the description, to processes for their preparation, to compositions thereof, and to their use for the control of pests (including arthropods and helminths). ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 848095-24-9P  
 (preparation of pesticidal 5-substituted-oxyalkylamino-1-arylpypyrazoles)  
 RN 848095-24-9 USPATFULL  
 CN Carbonic acid, 2-[(3-cyano-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfonyl]-1H-pyrazol-5-yl)methylamino]ethyl 4-nitrophenyl ester (CA INDEX NAME)

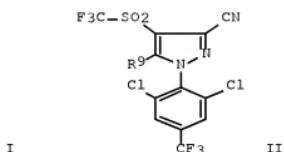
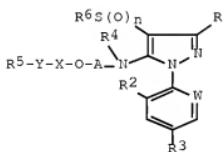


L15 ANSWER 2 OF 2 HCPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2005:238961 HCPLUS [Full-text](#)  
 DOCUMENT NUMBER: 142:316834  
 TITLE: Preparation of pesticidal  
 5-substituted-oxyalkylamino-1-arylpypyrazole derivatives  
 INVENTOR(S): Chou, David Teh-Wei; Schnatterer, Stefan; Knauf,  
 Werner; Seeger, Karl  
 PATENT ASSIGNEE(S): Bayer Cropscience S. A., Fr.  
 SOURCE: PCT Int. Appl., 58 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005023776	A1	20050317	WO 2004-EP9378	20040821
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, TZ, TG, UG, ZM, ZW, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004270342	A1	20050317	AU 2004-270342	20040821
CA 2536642	A1	20050317	CA 2004-2536642	20040821
EP 1663986	A1	20060607	EP 2004-764360	20040821
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, EU, PL, SK				
BR 2004013333	A	20061010	BR 2004-13333	20040821
CN 1845902	A	20061011	CN 2004-80025546	20040821
JP 2007504185	T	20070301	JP 2006-525067	20040821
MX 2006PA02381	A	20060620	MX 2006-PA2381	20060301
US 20070066596	A1	20070322	US 2006-570042	20060929
PRIORITY APPLN. INFO.:			EP 2003-19618	A 20030904
			WO 2004-EP9378	W 20040821

OTHER SOURCE(S): CASREACT 142:316834; MARPAT 142:316834  
GI

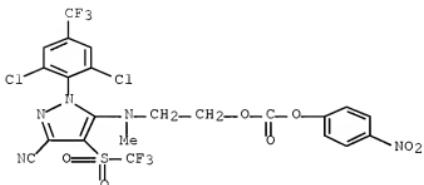


- AB** Title compds. I [R1 = CN, CSNH2, C(:NZ)S(O)rQ; Q = alkyl, (un)substituted Ph, PhCH2; Z = H, alkyl, haloalkyl, alkenyl, alkynyl, (un)substituted Ph, PhCH2, acyl, alkoxy carbonyl, S(O)pR8; R8 = alkyl, haloalkyl; R2 = H, halogen, Me; R3 = haloalkyl, haloalkoxy, SF5; R4 = H, alkenyl, haloalkenyl, alkynyl, haloalkynyl, cycloalkyl, cycloalkylalkyl, (un)substituted alkyl, CO2H, SO2R8; R5 = alkenyl, haloalkenyl, alkynyl, haloalkynyl, cycloalkyl, cycloalkylalkyl, (un)substituted alkyl, Ph, PhCH2, heterocycl, heterocyclylmethyl; R6 = alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl; W = N, CR7; R7 = halogen, Me; X = CO, CS, SO2; Y = O, (un)substituted NH, bond; n = 0-2] were prepared for use as pesticides, including arthropods and helminths (no data). Thus, the pyrazole II [R9 = NH2] was converted to II [R9 = Br] which was treated with MeNHC<sub>2</sub>H<sub>5</sub>CO<sub>2</sub>H and recrystallized to give III [R9 = MeNHC<sub>2</sub>H<sub>5</sub>CO<sub>2</sub>Et].

Created with JT-848035-2A-9P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological

study); PREP (Preparation); USES (Uses)  
(preparation of pesticidal 5-substituted-oxyalkylamino-1-arylpypyrazoles)  
RN 848095-24-9 HCPLUS  
CN Carbonic acid, 2-[{3-cyano-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfonyl]-1H-pyrazol-5-yl}methylamino]ethyl 4-nitrophenyl ester (CA INDEX NAME)



REFERENCE COUNT:

5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

## SEARCH HISTORY

=&gt; d his ful

(FILE 'HOME' ENTERED AT 11:04:31 ON 24 OCT 2008)

FILE 'HCAPLUS' ENTERED AT 11:04:43 ON 24 OCT 2008

E CHOU DAVID TEH WEI/AU

L1 27 SEA ABB=ON ("CHOU DAVID T W"/AU OR "CHOU DAVID TECH WEI"/AU  
 OR "CHOU DAVID TEH WEI"/AU OR "CHOU DAVID TEHWEI"/AU)  
 E SCHNATTERER STEFAN/AU

L2 38 SEA ABB=ON "SCHNATTERER STEFAN"/AU  
 E KNAUF WERNER/AU

L3 119 SEA ABB=ON "KNAUF WERNER"/AU  
 E SEEGER KARL/AU

L4 81 SEA ABB=ON "SEEGER KARL"/AU

L5 5 SEA ABB=ON L1 AND L2 AND L3 AND L4  
 SELECT RN L5 1-5

FILE 'REGISTRY' ENTERED AT 11:12:29 ON 24 OCT 2008

L6 799 SEA ABB=ON (1045655-84-2/BI OR 1045655-85-3/BI OR 1045655-86-4  
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 1045657-83-7/BI OR 1045657-8

FILE 'HCAPLUS' ENTERED AT 11:13:54 ON 24 OCT 2008

L7 4 SEA ABB=ON L5 AND L6

FILE 'REGISTRY' ENTERED AT 11:24:15 ON 24 OCT 2008  
L8            0 SEA ABB=ON L6 AND NO2=1  
L9            STRUCTURE 865813-54-3  
L10          0 SEA SSS SAM L9  
L11          1 SEA SSS FUL L9

FILE 'HCAPLUS' ENTERED AT 11:31:32 ON 24 OCT 2008  
L12          1 SEA ABB=ON L11

FILE 'USPATFULL' ENTERED AT 11:31:39 ON 24 OCT 2008  
L13          1 SEA ABB=ON L11

FILE 'BEILSTEIN' ENTERED AT 11:31:50 ON 24 OCT 2008  
L14          0 SEA ABB=ON L11

FILE 'HCAPLUS, USPATFULL' ENTERED AT 11:32:03 ON 24 OCT 2008  
L15          2 DUP REMOV L12 L13 (0 DUPLICATES REMOVED)  
L16          0 SEA ABB=ON L15 AND (PRD<20030904 OR PD<20030904)

FILE HOME

FILE HCAPLUS

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FILE COVERS 1907 - 24 Oct 2008 VOL 149 ISS 18  
FILE LAST UPDATED: 23 Oct 2008 (20081023/ED)

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FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 OCT 2008 HIGHEST RN 1064721-02-3  
DICTIONARY FILE UPDATES: 22 OCT 2008 HIGHEST RN 1064721-02-3

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<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE USPATFULL  
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 23 Oct 2008 (20081023/PD)  
FILE LAST UPDATED: 23 Oct 2008 (20081023/ED)  
HIGHEST GRANTED PATENT NUMBER: US7441277  
HIGHEST APPLICATION PUBLICATION NUMBER: US20080263736  
CA INDEXING IS CURRENT THROUGH 23 Oct 2008 (20081023/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 23 Oct 2008 (20081023/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2008  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2008

USPATFULL now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

FILE BEILSTEIN  
FILE LAST UPDATED ON April 1, 2008

FILE COVERS 1771 TO 2008.  
FILE CONTAINS 10,322,808 SUBSTANCES

>>> PLEASE NOTE: Reaction Data and substance data are stored in separate documents and can not be searched together in one query. Reaction data for BEILSTEIN compounds may be displayed immediately with the display codes PRE (preparations) and REA (reactions). A substance answer set retrieved after the search for a chemical name, a compounds with available reaction information by combining with PRE/FA, REA/FA or more generally with RX/FA. The BEILSTEIN Registry Number (BRN) is the link between a BEILSTEIN compound and belonging reactions. For more detailed reaction searches BRNs can be searched as reaction partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

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